

In the claims

Please cancel claims 1-81.

AB
Sub
C1
86. (amended) The recombinant host cell of claim 85, wherein the plant cell is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

AB
Sub
C1
92. (amended) The genetically transformed plant cell of claim 91, wherein the plant cell is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

AB
Sub
C1
98. (amended) The genetically transformed plant of claim 91, wherein the plant is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

AB
Sub
C1
109. (amended) A method of preparing host cells useful to produce a non-naturally occurring fusion protein comprising the steps of:

- a) selecting a host cell;
- b) transforming the selected host cell with a recombinant vector having a structural nucleic acid sequence encoding a non-naturally occurring fusion protein, wherein the structural nucleic acid sequence comprises:

- Handwritten: H4 (cont'd) SUB C1*
- i) a nucleic acid sequence encoding a peroxisome targeting protein subunit;
 - and
 - ii) a nucleic acid sequence encoding a polyhydroxyalkanoate synthase protein subunit; and
 - c) obtaining transformed host cells.
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115. (amended) The method of claim 114, wherein the plant cell is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

116. (amended) A method of preparing a transformed plant useful to produce a non-naturally occurring fusion protein comprising the steps of:

- Handwritten: H4 SUB C1*
- a) selecting a host cell;
 - b) transforming the selected host cell with a recombinant vector having a structural nucleic acid sequence encoding a non-naturally occurring fusion protein, wherein the structural nucleic acid sequence comprises:
 - i) a nucleic acid sequence encoding a peroxisome targeting protein subunit;
 - and
 - ii) a nucleic acid sequence encoding a polyhydroxyalkanoate synthase protein subunit;
 - c) obtaining transformed host plant cells; and
 - d) regenerating the transformed host plant cells.
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119. (amended) The method of claim 116, wherein the host plant cell is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

126. (amended) The method of claim 125, wherein the cell is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat cell.

130. (amended) The method of claim 128, wherein the plant is an alfalfa, banana, barley, bean, cabbage, canola/oilseed rape, carrot, castorbean, celery, clover, coconut, corn, cotton, cucumber, linseed, melon, olive, palm, parsnip, pea, peanut, pepper, potato, [potato,] radish, rapeseed, rice, soybean, spinach, sunflower, tobacco, tomato, or wheat plant.

Remarks

Amendments to the claims

Claims 1-133 are pending. Claims 1-81 were cancelled. Claims 84, 86, 92, 98, 100, 102, 104, 113, 115, 119, 124, 126-127 and 131-133 were held to contain patentably distinct species. Claims 86, 92, 98, 109, 115-116, 119, 126 and 130 are amended to clarify the claimed subject matter by deleting a repetitive "potato" and to correcting a grammatical error. Support is found at least in the original claims.

Election of species requirement

The Examiner required the applicants to elect a species for each of claims 84, 86, 92, 98, 100, 102, 104, 113, 115, 119, 124, 126-127 and 131-133 for the convenience of examination. The applicants elect, with traverse, *Saccharomyces cerevisiae* for claims 84, 113 and 124; canola/oilseed rape for claims 86, 115 and 126, canola/oilseed rape for claims 92 and 119,